

## Product datasheet for **AP52120PU-N**

### Grp75 (HSPA9) (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 280-309 amino acids from the Central region of human Grp75 / HSPA9
Specificity:	This antibody recognizes Human Grp75 / HSPA9B (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heat shock protein family A (Hsp70) member 9
Database Link:	<a href="#">Entrez Gene 3313 Human P38646</a>
Background:	This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.



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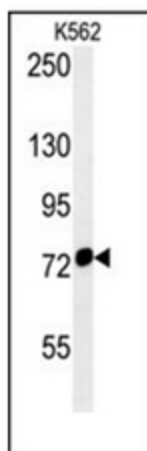
**Synonyms:** Heat shock 70 kDa protein 9, Peptide-binding protein 74, PBP74, MOT, HSPA9B, Stress-70 protein, Mortalin, 75 kDa glucose-regulated protein

**Note:** **Molecular Weight:** 73680 Da

**Protein Families:** Stem cell - Pluripotency

**Protein Pathways:** RNA degradation

**Product images:**



Western blot analysis of Grp75 / HSPA9 Antibody (Center) in K562 cell line lysates (35ug/lane). This demonstrates the HSPA9 antibody detected the HSPA9 protein (arrow).